

Abstract

The invention involves an agricultural machine with a drive train to be coupled onto the power take-off shaft of a tractor, with a transmission integrated into the drive train. In these types of agricultural machines it is frequently necessary, after starting at a high torque, to select a lower transmission ratio, so that the agricultural machine can be driven at an optimal speed by an engine to which sufficient power is then still available for the propulsion for the tractor. In order to make this possible, it is proposed, in an agricultural machine of this type, to construct the transmission as a continuously variable conical-disk belt or chain transmission which is preferably fully hydraulic, is coupled with a hydraulic clutch, and has idle-shifting in the starting transmission ratio.

[2 pages of drawings follow]